

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	482	(375/141).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:23
S2	4384	UWB or (ultra near3 wideband)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 16:24
S3	35910	spread near3 spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 16:24
S4	72655	multichannel or (multi near2 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 16:26
S5	148	S2 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 16:26
S6	21	S5 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 15:53
S7	1151	S3 and S4 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 16:45
S8	116	S7 and (multicarrier or (multi adj3 carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:15

## EAST Search History

S9	35910	spread near3 spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:16
S10	72655	multichannel or (multi near2 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:16
S11	1151	S9 and S10 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:48
S12	116	S11 and (multicarrier or (multi adj3 carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:49
S13	20	S12 and ("16" with code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:49
S14	2	(US-20030043887-\$).did. or (US-RE37802-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 19:31
S15	1710	(OFDM or COFDM) and (spread near2 spectrum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:48
S16	392	S15 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:09
S17	168	S16 and (multicarrier or (multi adj3 carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:49

## EAST Search History

S18	31	S17 and ("16" with code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 19:49
S19	1	(US-RE37802-\$).did.	USPAT	OR	ON	2006/09/15 20:09
S20	47	multichannel and "XOR" and (decimation or "down-sampling" or (down adj2 sampling))	USPAT	OR	ON	2006/09/15 20:34
S21	34	S20 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:16
S22	101	multichannel and ("XOR" with PN or spread\$5) and (decimation or "down-sampling" or (down adj2 sampling))	USPAT	OR	ON	2006/09/15 20:16
S23	73	S22 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:34
S24	52	multichannel and ("XOR" or (exclusive adj2 "or")) and (decimation or "down-sampling" or (down adj2 sampling))	USPAT	OR	ON	2006/09/15 20:34
S25	38	S24 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:51
S26	142	(spread with ("XOR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:55
S27	61	S26 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:56

## EAST Search History

S28	1	(decimat\$3 with (spread with ("XOR")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:56
S29	10	(delay with decimat\$3 with spread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 20:56
S30	4	S29 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:04
S31	1	(US-6490267-\$).did.	USPAT	OR	ON	2006/09/15 21:03
S32	148	polyphase and (spread adj2 spectrum)	USPAT	OR	ON	2006/09/15 21:04
S33	88	S32 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:11
S34	10	S33 and (multichannel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:10
S35	69	polyphase adj3 channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:11
S36	34	S35 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:32

## EAST Search History

S37	8	S36 and multichannel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:14
S38	1	S37 and commutator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:14
S39	1	(US-5396489-\$.did.	USPAT	OR	ON	2006/09/15 21:22
S40	0	(multichannel near4 receiver) and (analog near3 lowpass) and commutator	USPAT	OR	ON	2006/09/15 21:23
S41	0	(analog near3 lowpass) and commutator	USPAT	OR	ON	2006/09/15 21:23
S42	6	(RF near3 demodulat\$4) and commutator and (frequency near3 select\$5)	USPAT	OR	ON	2006/09/15 21:32
S43	211	(RF near3 demodulat\$4) and (frequency near3 select\$5) and tuner	USPAT	OR	ON	2006/09/15 21:32
S44	167	S43 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:47
S45	164	S44 and ((commutator) or (select\$3 near3 frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:33
S46	2	S44 and commutator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:33
S47	1	(US-4170760-\$.did.	USPAT	OR	ON	2006/09/15 21:44
S48	12108	RF near3 modulat\$4	USPAT	OR	ON	2006/09/15 21:47
S49	33	S48 and (analog near3 lowpass)	USPAT	OR	ON	2006/09/15 21:47

## EAST Search History

S50	26	S49 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:48
S51	1	(US-5412352-\$).did.	USPAT	OR	ON	2006/09/15 21:55
S52	2	("6175550").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 21:55
S53	1	(US-6175550-\$).did.	USPAT	OR	ON	2006/09/15 21:55
S54	1	(US-6175550-\$).did.	USPAT	OR	ON	2006/09/15 21:57
S55	2	("6128276").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 21:57
S56	2	("6128276").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 21:57
S57	1	(US-6128276-\$).did.	USPAT	OR	ON	2006/09/15 21:58
S58	0	(block adj3 deinterleaver) and (synchronization near3 timing near4 control) with (downconvert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 15:53
S59	299	(block adj3 deinterleaver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 15:53
S60	141	S59 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 16:47

## EAST Search History

S61	14	S60 and (timing near3 control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 16:03
S62	4	S61 and (synchronization near3 control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 15:54
S63	1	(US-5910960-\$.did.	USPAT	OR	ON	2007/06/03 16:07
S64	14	("XOR") and (PN near2 sequence) and commutator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 16:47
S65	5	S64 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 17:02
S66	2	UWb and ("446.875")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 16:58
S67	3	("446.875")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 17:01
S68	5	(delay and downsampling and "XOR" and (PN near2 sequence))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 17:02
S69	3	S68 and @pd<"20030707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 17:02

## EAST Search History

S70	465	(714/784).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/03 17:11
S71	0	("L1and(deinterleaver)and(timing)") .PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/03 17:11
S72	19	S70 and (deinterleaver) and (timing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/03 17:12
S73	2072	Miao.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/08 16:02
S74	0	(uwb and pseudorandom and multichannel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/08 16:03
S75	1	(uwb and multichannel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/08 16:04
S76	1	S73 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/08 16:03
S77	8778	((375/130,141,144) or (370/206, 208,210,342,464) or (332/103)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/08 16:06



## EAST Search History

S78	4	S77 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/08 16:06
S79	1	S78 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/08 16:06